

Converting Colors

YUV(191.4870, -5.6631,
-50.4161)

Have a look what the booklet for
YUV(191.4870, -5.6631, -50.4161)
contains.

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Color

**YUV(191.4870, -5.6631,
-50.4161)**

Conversions

Conversions Part 1

Format	Color
Hex	86DFB4
RGB	134, 223, 180
RGB Percent	53%, 87%, 71%
CMY	0.4745, 0.1255, 0.2941
CMYK	0.40, 0.00, 0.19, 0.13
HSL	151°, 58%, 70%
HSV	151°, 40%, 87%
XYZ	44.4574, 61.1390, 52.6379
YIQ	191.4870, -39.2410, -32.2410

Conversions

Conversions Part 2

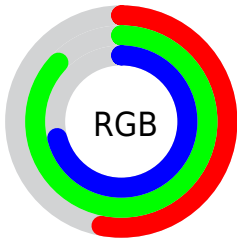
Format	Color
RYB	134, 193, 223
Decimal	8839092
CIELab	82.45, -36.24, 12.78
CIELCh	82, 38.430, 160.576
Yxy	61.1390, 0.2810, 0.3864
Android (android.graphics.Color)	4287029172 (0xFF86DFB4)
YUV	191.4870, -5.6631, -50.4161
Hunter-Lab	78.1914, -35.3450, 14.8204

Details

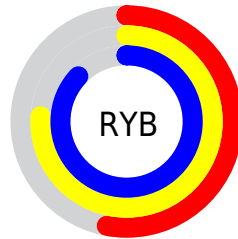
The YUV color **191.4870, -5.6631, -50.4161** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **165.5130, 5.6631, 50.4161**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.3990, 1.2823, -38.0609**, and **136.1280, -4.5001, -50.1013** is the 20% darker color. If you saturate the color by 10%, you get **183.6550, -7.2249, -62.8414**, and if you desaturate by 10%, it is **199.3190, -4.1013, -37.9908**.

Distribution



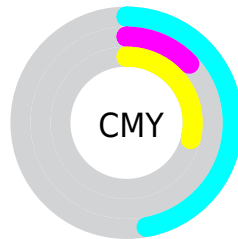
- Red (53%)
- Green (87%)
- Blue (71%)



- Red (53%)
- Yellow (76%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (47%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.4870, -5.6631, -50.4161 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 191.4870, -5.6631, -50.4161 by changing the saturation by 10% instead.

■ 191.4870, -5.6631,
-50.4161

■ 191.4870, -5.6631,
-50.4161

255.0000, 0.0000,
0.0000

■ 163.6010, -5.2263,
-50.5161

■ 233.3990, 1.2823,
-38.0609

■ 136.1280, -4.5001,
-50.1013

■ 244.2360, 5.3067,
-22.1320

■ 109.3450, -3.6211,
-52.0456

■ 253.2060, 0.8844,
-3.6887

■ 80.5830, -1.2734,
-58.3933

■ 58.5130, -1.7319,
-51.3159

■ 41.9170, -4.3961,
-36.7612

■ 26.6090, -7.2022,

-23.3361

■ 9.3920, -4.6303,
-8.2368

■ 0.0000, 0.0000,
0.0000

■ 191.4870, -5.6631,
-50.4161

■ 191.4870, -5.6631,
-50.4161

■ 183.6550, -7.2249,
-62.8414

■ 199.3190, -4.1013,
-37.9908

■ 175.5240, -8.6393,
-75.8815

■ 207.4500, -2.6868,
-24.9506

■ 167.8060, -9.7644,
-88.4069

■ 215.1680, -1.5618,
-12.4253

■ 159.9740,
-11.3262, -100.8322

■ 223.0000, 0.0000,
0.0000

■ 151.8430,
-12.7406, -113.8723

■ 230.8320, 1.5618,
12.4253

■ 144.0110,
-14.3024, -126.2976

■ 235.0760, 4.8925,
17.4733

■ 236.2160, 9.2605,
16.4736

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.2880, -23.8060, -17.7926



191.4870, -5.6631, -50.4161



184.6200, 15.9633, -80.3507

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



191.4870, -5.6631, -50.4161



201.4420, 26.4041, -22.3126



202.4930, -20.9490, 46.0486

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



191.4870, -5.6631, -50.4161



165.5130, 5.6631, 50.4161

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



202.8470, -4.3616, 45.7382



191.4870, -5.6631, -50.4161



208.7610, 22.7958, 15.1186

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



191.4870, -5.6631, -50.4161



190.8560, 31.6230, -63.0177



208.7120, 10.4950, 40.5946



204.9470, -33.0049, 39.5115

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



191.4870, -5.6631, -50.4161



182.2840, 28.9470, -91.4571



208.7120, 10.4950, 40.5946



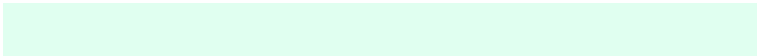
201.8720, -15.7129, 46.5933

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



191.4870, -5.6631, -50.4161



244.0210, -1.9824, -17.5584



199.1000, -32.0943, -19.3817



121.5920, -1.2779, -10.1662



0.0000, 0.0000, 0.0000



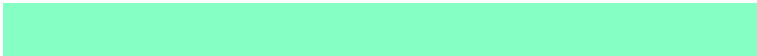
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



191.4870, -5.6631, -50.4161



211.7960, -7.7874, -69.1041



195.8020, 13.4086, -54.2004



108.1410, -0.5625, -6.2627



113.6860, -11.1842, -99.7026



31.0260, -2.9708, -27.2098

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



165.5130, 5.6631, 50.4161



176.2040, 7.7874, 69.1041



161.1980, -13.4086, 54.2004



104.8590, 0.5625, 6.2627



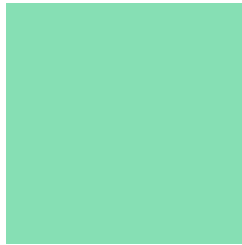
62.3140, 11.1842, 99.7026



16.9740, 2.9708, 27.2098

Previews

White Background



This preview shows how the YUV color 191.4870, -5.6631, -50.4161 looks on a white background.

Color Contrast Check

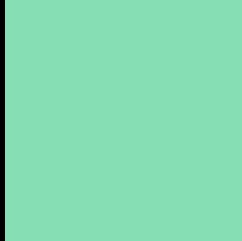
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 191.4870, -5.6631, -50.4161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

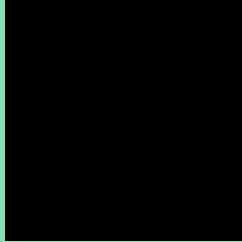
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 191.4870, -5.6631, -50.4161 Background



This preview shows how black text looks on a background with the YUV color 191.4870, -5.6631, -50.4161.



This preview shows how white text looks on a background with the YUV color 191.4870, -5.6631, -50.4161.

-50.4161.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

191.4870, -5.6631, -50.4161

Protanopia

203.4130, -16.4726, 10.1618

Deuteranopia

205.9120, -9.8166, 22.0022



Tritanopia

197.0080, 17.7441, -44.7340

Trichromacy



Original Color

191.4870, -5.6631, -50.4161



Protanomaly

199.3070, -12.4764, -11.6702



Deuteranomaly

200.5020, -8.1355, -3.9483



Tritanomaly

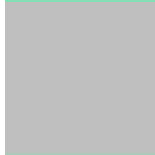
195.4070, 9.1663, -46.8379

Monochromacy



Original Color

191.4870, -5.6631, -50.4161



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.3090, -2.1243, -18.6880

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.4870, -5.6631, -50.4161 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(134, 223, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 223, 180)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(134, 223, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 223, 180) }
```

Border

The CSS property to change the border of an element to YUV 191.4870, -5.6631, -50.4161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 223, 180) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(134, 223, 180) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(134, 223, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 223, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 223, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 223,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 191.4870, -5.6631, -50.4161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 223, 180) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(134,  
223, 180) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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